Wisconsin Electric POWER COMPANY
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October 26, 1984

Mr. H. R. Denton, Director
Office of Nuclear Reactor Regulation
U. S. NUCLEAR REGULATORY COMMISSION
Washington, D. C. 20555

Attention: Mr. J. R. Miller, Chief
Operating Reactors, Branch 3

Gentlemen:

DOCKET NOS. 50-266 AND 50-301
REACTOR SCRAM BREAKER SHUNT TRIP
POINT BEACH NUCLEAR PLANT, UNITS 1 AND 2

Your letter dated September 26, 1984 approved the design modifications Wisconsin Electric Power Company had proposed in our letter dated June 1, 1984 to incorporate an automatic shunt trip circuit for the reactor scram breakers at our Point Beach Nuclear Plant, Units 1 and 2. A safety evaluation listed four exceptions to your approval. These exceptions concerned:

1. The need for bypass breaker position indication on the main control board.

2. A request that we confirm that test procedures will test the bypass breaker UV trip and will verify the operation of the bypass breaker position indication and reactor trip breaker bypass conditions.

3. A commitment to notify the NRC staff of the results of the seismic qualification program for the shunt trip attachment and confirm that the shunt trips for Point Beach are seismically qualified.

4. A reminder that Technical Specifications will be required for the modifications when completed.

We are in the process of installing the shunt trip attachments on the Point Beach Unit 2 reactor scram breakers during the current Unit 2 refueling and maintenance outage. The automatic shunt trip will be operational on Unit 2 upon return to power; however, the final configuration of the control board controls and breaker indication will not be completed.

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Because of the requirements imposed by your letter and safety evaluation to include bypass breaker position indication and the limited control board space available to include these indications, we will not have sufficient time to complete the engineering design and modification review and approval process for these changes and complete the installation prior to Unit 2 startup. We are developing an appropriate design modification which must be approved by the Manager's Supervisory Staff. Pending this approval, we would expect to complete the entire reactor breaker shunt trip modification on Point Beach Unit 1, including the control board indications, during the Unit 1 spring 1985 refueling outage. The control board items would then be completed on Unit 2 during the fall 1985 outage. If the bypass breaker position indication modification is not approved, we will inform you and include our justification for not providing this indication.

Regarding test procedures, we hereby confirm that the test procedures will test the bypass breaker UV trip prior to use of the breaker. Bypass breaker position indication will be verified at the reactor trip logic cabinets. At present, this indication does not include a cell switch interlock and is, therefore, not unambiguous. The cell switch interlock will be added at the same time control board changes are made. These changes to the test procedures will be implemented prior to Unit 2 startup except for the breaker bypass indication on the control board circuitry which, as stated above, will not be installed during this outage.

An appropriate Technical Specification change is being developed. We anticipate submitting a license amendments application to incorporate such changes after installation of the modifications on Point Beach Unit 1.

Very truly yours,

C W Fay

Vice President-Nuclear Power

C. W. Fay

Copy to NRC Resident Inspector